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Ph.D Supervisor Details

1. Name of the Faculty:	Dr.R.M.S.Parvathi
2. Designation:	Professor
3. Department:	Computer Science and Engineering
4. Anna University Ref. No. for Supervisor Recognition:	8240224
5. Title of Ph.D. Thesis:	Knowledge Elicitation from Use cases-Heuristics based approach for the identification Use cases
6. Faculty in which Ph.D. was awarded:	Computer Science and Engineering
7. Area of Specialization in Ph.D.:	Object oriented Software Engineering
8. Year of Ph.D. Completion:	2005
9. Year of got Supervisor Recognition:	2005



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10. List of Journals papers published:

Sl. No.	Author's	Title of the Paper	Name of the Journal	URL of the Journal Home Page	Volume, Issue no & Year of Publication	ISSN No.	DOI No.
1.	M. Pavithra and R.M.S. Parvathi	Cluster Ensemble Approach for Semi Supervised Clustering	Middle-East Journal of Scientific Research-Scopus indexed	https://idosi.org/mejsr/mejsr25(1)17/24.pdf	Vol 25- 1: pp196-202, 2017.	1990-9233	10.5829/idosi.mejsr.2017.196.202
2.	M. Pavithra and R.M.S. Parvathi	Enhancing Semi Supervised Clustering Algorithm For High Dimensional Data	World Applied Sciences Journal	https://idosi.org/wasj/wasj35(2)17/9.pdf	Vol.35 ,Issue (2): Pp 230-237,2017	1818-4952	10.5829/idosi.wasj.2017.230.237
3.	M. Pavithra and R.M.S. Parvathi	Efficient Semi Supervised Clustering Techniques with Pairwise Constraints	International Journal of Control Theory and Applications- Scopus indexed	https://www.scimagojr.com/journalsearch.php?q=21100231630&tip=sid	Volume 10 , Issue 31 , 2017	09745572	
4	M. Pavithra and R.M.S. Parvathi	An Optimized Version of the Semi Supervised Clustering Algorithm	Advances in Natural and Applied Sciences -Scopus Indexed	http://www.ansiweb.com/ANAS	Vol.11(4), pp 159 - 168 , April 2017	19950772	Open Access Journal
5	M. Pavithra and R.M.S. Parvathi	Cluster Ensemble Approach for High Dimensional Data	Australian Journal of Basic and Applied Sciences	https://www.ajbasweb.com/old/ajbas/2018/January/45-53(9).pdf	Vol.12(1), pp 45-53 ,Jan. 2018.	10.22587/	10.22587/ajbas.2018.12.1.9
6	M. Pavithra and R.M.S. Parvathi	A Novel Approach for Semi Supervised Clustering Algorithm	Journal of Analysis and Computation	journal/cse/18.pdf	Volume XIII, Issue I, Jan. 2019	0973-2861	-



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7	M. Pavithra and R.M.S. Parvathi	A Survey on Semi Supervised Clustering for High dimensional data clustering	International Journal of Engineering Science Invention		March, 2019		
8	M. Pavithra and R.M.S. Parvathi	A Review article on Semi supervised clustering Framework for High dimensional data clustering	Journal of Technology	https://ijsrcseit.com/home/issue/view/article.php?id=CSEIT195410	Vol.5, Issue 4, August 2019, pp 102-108	2456-3307	10.32628/CSEIT195410
9	M. Pavithra and R.M.S. Parvathi	Sub space Metric Ensembles for Semi-Supervised Clustering for High dimensional data	Journal of Engineering Sciences.(web of Science Indexed)	https://www.journal/cse/64.pdf	Vol.11, Issue 4, April 2020, pp 919- 928.	2394-739X	
10	Kommu Naveen, R.M.S.Parvathi	Analysis of Medical Image by using Machine Learning Applications of Convolutional Neural Networks	Proceedings of the Second International Conference on Artificial Intelligence and Smart Energy- Scopus indexed	https://www.proceedings.com/content/062/062993webtoc.pdf	IEEE Xplore ,2022,p p 115-123.	Open access journal	06299
11	Kommu Naveen, R.M.S.Parvathi	A Review of Deep Learning applications for Speech Processing Improvement	Journal of Telecommunication, Switching Systems and Networks	https://engineeringjournal.sstmjournals.in/index.php/JoTSSN/issue/view/1056	Vol.9, Issue 2,Aug.2022,pp 14-19.	Open access journal	-
12	Dinesh Kumar S., Dr.R.M.S.Parvathi	Secure Data transfer in Wireless Sensor Networks with less energy consumption	International Journal Engineering Technology and Computer Research	https://ijetcr.org/index.php/ijetcr/article/view/539	Vol.10, Issue .6, Dec.2022, pp 1-11.	2348-2117	-



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13	M. Pavithra and R.M.S. Parvathi	Optimizing minimum spanning tree using stochastic-variable neighborhood search for efficient clustering of cancer gene data	Concurrency Computation: Practice Experience , WILEY Publishers	https://onlinelibrary.wiley.com/doi/10.1002/cpe.7573	Vol.35, Issue 5, Jan.2023, pp 573-577, pp 1-12.	Open access journal	10.1002/
14	S. Dinesh Kumar, Dr.R.M.S.Parvathi, Dr.C.R.Hema	An Electric Vehicle charging using Remote Reservation Services	Journal for Basic Sciences	https://fzgjckxb.com/volume-23-issue-9-2023/	Vol.23, Issue 9, Sep.23, pp 188-196	Open access journal	10.37896/JBSV23.9/2543
15	Dr.R.M.S.Parvathi, Dr.C.R.Hema	Role of Generative AI for Education Sector- A Survey	Gradiva Review Journal	https://gradivareview.com/volume-9-issue-9-2023/	Vol.9, Issue 9, Sep.2023, pp 717-721.	0363-8057	-
16	Guguloth Ravikumar, R.M.S. Parvathi	Data Traffic in Real Time for MANETs-A Survey	International Journal of Innovations in Engineering Research & Management	journal.ijerm.co.in/index.php/ijerm/issue/view/54	Vol.10, Issue 6, Dec.2023, pp 21-26	2348-4918	-
17	Kommu Naveen, R.M.S.Parvathi	Review on CBIR Image based Colour, Texture and Shape Features of Bio Medical Image Applications	Journal of Image Processing and Pattern Recognition Progress,	https://computers.stmjournals.com/index.php?journal=JoIPPRP	Vol.11, Issue 1, April 2024.	2304-1995	10.37591/JoIPPRP



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11. Ph.D Research Scholars Details:

Sl.No	Reg. No	Name	Faculty	Reg. Year	Present Status	If completed, Year of Completion	Title of Thesis/Area of Research	No. of Journals Published	Thesis Copy*
1.	17244691209	M. Pavithra	ICE	Jan. 2017	Degree Awarded	Viva -voce completed on 6.11.23	Data Mining	10	-
2.	20193691186	Guguloth Ravikumar	ICE	jan.2020	Provisionally Confirmed	-	Embedded Systems	2	-
3.	21193691127	Naveen Kommu	ICE	Jan. 2021	Provisionally Confirmed	-	Image Processing	3	-
4.	21124697144	Dinesh Kumar	ICE	Nov.2021	Provisionally Confirmed	-	Computer Networks	2	-